

## ELECTROLYTE BALANCE IN ELECTROCHEMICAL CELLS

### ABSTRACT

A rechargeable metal air electrochemical cell is provided. The rechargeable metal air electrochemical cell generally includes an anode and a cathode in ionic communication via a separator and in fluid communication via one or more tubes or apertures, wherein the one or 5 more tubes or apertures provide sufficient ionic resistance thereby preventing shorting between the electrodes while allowing liquid solvent to flow therebetween.